



Technical
 Documentation
 Dulbecco's Modified Eagle's Medium - High
 Glucose - Liquid Media

	Description	SH30022	SH30081	SH30284	SH30243	SH30249	SH30207	SH30285	SH30019	SH30262
		SH30308 ADCF	SH30315 ADCF		SH30317 ADCF			SH30320 ADCF		SH30319 ADCF
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Inorganic Salts	CaCl ₂ (anhydrous)	200.00	200.00	200.00	200.00	200.00	200.00	200.00	200.00	0.00
	Fe(NO ₃) ₃ ·9H ₂ O	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
	KCl	400.00	400.00	400.00	400.00	400.00	400.00	400.00	400.00	400.00
	MgSO ₄ (anhydrous)	97.67	97.67	97.67	97.67	97.67	97.67	97.67	97.67	0.00
	NaCl	6400.00	6400.00	6400.00	6400.00	4750.00	6400.00	6400.00	6400.00	6400.00
	NaH ₂ PO ₄ ·H ₂ O	125.00	125.00	125.00	125.00	125.00	125.00	125.00	125.00	125.00
Amino Acids	L-Arginine HCl	84.00	84.00	84.00	84.00	84.00	84.00	84.00	84.00	84.00
	L-Cystine 2HCl	62.57	62.57	62.57	62.57	62.57	62.57	62.57	62.57	62.57
	L-Glutamine	584.00	0.00	584.00	584.00	584.00	584.00	0.00	584.00	0.00
	Glycine	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00
	L-Histidine HCl·H ₂ O	42.00	42.00	42.00	42.00	42.00	42.00	42.00	42.00	42.00
	L-Isoleucine	104.80	104.80	104.80	104.80	104.80	104.80	104.80	104.80	104.80
	L-Leucine	104.80	104.80	104.80	104.80	104.80	104.80	104.80	104.80	104.80
	L-Lysine HCl	146.20	146.20	146.20	146.20	146.20	146.20	146.20	146.20	146.20
	L-Methionine	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00
	L-Phenylalanine	66.00	66.00	66.00	66.00	66.00	66.00	66.00	66.00	66.00
	L-Serine	42.00	42.00	42.00	42.00	42.00	42.00	42.00	42.00	42.00
	L-Threonine	95.20	95.20	95.20	95.20	95.20	95.20	95.20	95.20	95.20
	L-Tryptophan	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00
	L-Tyrosine 2Na·2H ₂ O	103.79	103.79	103.79	103.79	103.79	103.79	103.79	103.79	103.79
	L-Valine	93.60	93.60	93.60	93.60	93.60	93.60	93.60	93.60	93.60
Vitamins	D-Ca Pantothenate	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	0.00
	D-Na Pantothenic Acid	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.00
	Choline Chloride	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
	Folic Acid	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
	Myo-Inositol	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00
	Niacinamide	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
	Pyridoxal HCl	4.00	4.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Pyridoxine HCl	0.00	0.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
	Riboflavin	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40
	Thiamine HCl	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
Other	D-Glucose	4500.00	4500.00	4500.00	4500.00	4500.00	4500.00	4500.00	4500.00	4500.00
	HEPES	0.00	0.00	0.00	0.00	5958.00	0.00	0.00	0.00	0.00
	Phenol Red (Sodium)	15.90	15.90	0.00	15.90	15.90	15.90	15.90	15.90	15.90
	Sodium Pyruvate	0.00	0.00	0.00	110.00	0.00	0.00	110.00	0.00	0.00
	NaHCO ₃	3700.00	3700.00	3700.00	3700.00	3700.00	3700.00	3700.00	3700.00	3700.00

Exhibit A

ADCF: Animal Derived Component
Free

Exhibit A